

# SEMINARS

## PHYSICS I - ELECTRONICS EXPERIMENTS COMMITTEE

Monday, September 3  
U.30  
Auditorium

### Open Session

- 1) Proposal to study the coherent  $3T\bar{T}$ ,  $5n$  and  $K\bar{K}\pi\pi$  production on nuclei at the Serpukhov accelerator - by JINR Dubna, USSR - Bologna-Milano-Trieste-Sverk, Poland Collaboration;  
PH I/COM-73/32.

- 2) Proposed closure of the South Hall.

Tuesday, September 4  
09.00  
NP Conference Room

### Closed Session.

## CERN PARTICLE PHYSICS SEMINARS

Tuesday, September 4  
16.30  
Auditorium

"Particle Production at High Transverse Momenta at NAL"  
by J.W. Cronin / The Enrico Eermi Institute

Wednesday, September 5  
16.30  
Auditorium

"Eirst results from the SPEAR storage ring"  
by R.E. Schwitters / SLAC

## FORTRAN EXTENDED TALKS

Monday, September 10  
11.00  
Council Chamber

R. FRIEDMAN from the Lawrence Berkeley Laboratory will give 3 talks on FORTRAN Extended. These talks will interest anybody who is trying to use FTN to the limit of its possibilities and interested users are strongly encouraged to attend.

### "A User's Critical Review of FTN"

The history of FTN and its development; language peculiarities; current state of FTN on Scope 3.4/2.0 and rumors about FTN 4.1; operational features, control card options, output listing; optimization, and its problems; horrors of Debug and T-modes; other problems, and some solutions.

Tuesday, September 11  
11.00  
Council Chamber

### "FTN and the Code it Compiles"

A look at the code compiled by FTN in some typical situations, and a discussion of some known problems. Hints on straightforward program debugging and source code improvements. (COMPASS knowledge required.)

Wednesday, September 12  
11.00  
Council Chambe'r

### "The FTN Library; Criticisms and Proposals"

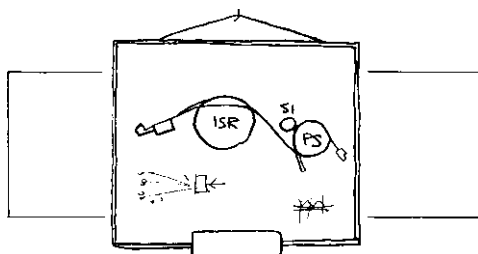
The structure of the library and its problems; how error checking and traceback are accomplished, and their shortcomings; a critical look at the current state of affairs, and some proposals for the

CERN APPLIED PHYSICS  
SEMINAR

Monday, September 10  
14.30  
Council Chamber

" Polarized Proton Beams"  
by A.D. Krisch / University of Michigan

Abstract : Polarized protons have recently been accelerated in the Argonne Z.G.S. The experimental set-up will be described and some preliminary results on total cross-sections will be reported on.



# enseignement

SUMMER STUDENTS  
LECTURES

	3.9	no	lecture
9.00 a.m.	4.9	P.G. Hansen	Nuclei away from stability
9.00 a.m.	<b>5.9</b>	W. Klein	The dance of the numbers

Note : 1) All lectures will be given in English and will be held in the Auditorium. The lectures start at 9.00 or 10.30 as indicated, and the normal duration is sixty minutes.

2) Some visits to the accelerators, bubble chambers, etc. will be arranged within the framework of this programme at dates still to be determined.

3) Queries should be addressed to the Fellows and Visitors Service (Tel. 44-73/2847).

COURS DE LANGUES /  
LANGUAGE COURSES

Programme 1973-1974

La brochure, contenant la description détaillée des cours, les horaires, les taxes d'inscription et la procédure d'inscription, peut être obtenue en retournant la carte jaune qui a été distribuée à tout le personnel. Au cas où vous l'auriez perdue, utilisez le coupon ci-dessous. Cette brochure peut également être consultée dans les Secrétariats de Division ou aux tableaux d'affichage du Service de l'Enseignement situés dans le Bâtiment de l'administration, près du restaurant No.1, et dans le Bâtiment 504, entrée du restaurant No.2.

The booklet, containing a detailed description of the courses, the time-table, the enrolment fees and the enrolment procedure, can be obtained by returning the yellow card which has been distributed to all staff members. If you have lost it, please use the form below.

This booklet can also be consulted at the Secretariat of your Division or on the Training & Education notice boards placed in the Administration Building, near the restaurant No.1, or in Building 504, entrance of the restaurant No.2.

DERNIER DELAI POUR LES INSCRIPTIONS  
5 septembre 1973

DEAD-LINE FOR ENROLMENTS :  
5th September 1973

A : Mile P. Vazzoler - Service de l'Enseignement

PROGRAMME 1973-1974 DES COURS DE LANGUES

Nom/Name : .....

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